

Santosh Chaudhary

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SUMMARY

Motivated and detail-oriented Computer Science Engineering undergraduate with practical experience in web and mobile development. Proficient in JavaScript, React.js, React Native, Node.js, Express.js, MongoDB, and Firebase, with a strong foundation in Java, and Data Structures & Algorithms (DSA). Dedicated to developing responsive, scalable, and user-centric applications while adhering to industry best practices and clean coding principles.

EDUCATION

- | | |
|--|---------------------------------|
| • Babu Banarsi Das University, Lucknow (2022 – 2026) | [Certificate] |
| <i>Bachelor of Technology (B.Tech) in Computer Science & Engineering</i> | Avg CGPA: 8.0 / 10 |
| • Sardar Patel Inter College, Uttar Pradesh (2021 – 2022) | [Certificate] |
| <i>Intermediate (Class XII)</i> | Percentage: 75.66% |
| • Government Senior Secondary School, Uttar Pradesh (2019 – 2020) | [Certificate] |
| <i>High School (Class X)</i> | Percentage: 78.66% |

CERTIFICATIONS & ACHIEVEMENTS

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|--|---------------------------------|
| • Headstarter Fellowship – Completed 2024 | [Certificate] |
| • Full-Stack Web Development 2.0 – PW, 2024 | [Certificate] |
| • FreeCodeCamp – JavaScript Algorithms and Data Structures | [Certificate] |
| • Tata Job Simulation: Data Visualization & Business Insights – Forage, 2024 | [Certificate] |

TECHNICAL SKILLS

- **Frontend Development:** HTML5, CSS3, Tailwind CSS, JavaScript (ES6+), React.js, React Native, Bootstrap
- **Backend Development:** Node.js, Express.js
- **Databases & Cloud:** MongoDB, Firebase (Authentication, Real-time Database, Hosting), PL/SQL
- **Programming Languages:** C, Java, Data Structures & Algorithms (DSA)
- **UI/UX Principles:** Responsive design, accessibility, reusable components, cross-platform compatibility
- **Code Quality:** Writing clean, scalable, and well-documented code following industry best practices
- **Office & Productivity Tools:** Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Google Docs, Google Sheets

PROJECTS

Awadh Inter College – School Management System

[[Web Demo](#)]

Tech Stack: Next.js, Node.js, Firebase, Tailwind CSS

- Architected a full-scale School ERP with Admin, Teacher, Student, and Parent portals.
- Orchestrated an advanced Admin Dashboard to oversee students, teachers, attendance, results, fees and salaries.
- Implemented robust role-based authentication and end-to-end academic management workflows.
- Delivered a highly responsive website + dashboard with optimized performance and modern UI/UX

AuraTrack – AI Powered Fitness Tracker

[[App Demo](#)] [[Web Demo](#)]

Tech Stack: React Native, Expo, Firebase, next.js

- Developed a cross-platform fitness app with Dashboard, Workouts, Exercises, Nutrition, Reports, and AI Coach.
- Integrated advanced AI Form Check for real-time posture assessment using computer vision.
- Leveraged Firebase for secure authentication, real-time data sync, and cloud storage.
- Crafted an intuitive mobile-first UI/UX with seamless navigation and high usability.
- Enhanced user engagement through progress analytics, goal tracking, and personalized AI recommendations.

EXPERIENCE

National Service Scheme (NSS) Volunteer & Event Volunteer (2023–2024)

- Spearheaded and executed 10+ community initiatives and 15+ social campaigns (cleanliness, health, education), impacting 500+ individuals.
- Coordinated and led volunteer teams of up to 20 members, effective team management.
- Volunteered at Ekana Cricket Stadium during IPL matches, assisting with crowd management, ticketing support, and event coordination for large-scale audiences.

HOBBIES & INTERESTS

- **Traveling:** Passionate about exploring new places and cultures enhances adaptability, problem-solving, and cross-cultural understanding.